

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 09/150,813A

Source: 1FW/6

Date Processed by STIC: 7/12/05

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 07/12/2005

PATENT APPLICATION: US/09/150,813A

TIME: 10:43:15

Input Set : A:\1543002US1.txt

Output Set: N:\CRF4\07122005\I150813A.raw

4 <110> APPLICANT: Grainger, David J.  
 5       Tatalick, Lauen Marie  
 6       Kanaly, Suzanne T.  
 8 <120> TITLE OF INVENTION: Compounds and Methods to Inhibit or Augment an Inflammatory  
 Response  
 11 <130> FILE REFERENCE: 1543.002US1  
 13 <140> CURRENT APPLICATION NUMBER: US 09/150813A  
 14 <141> CURRENT FILING DATE: 1998-09-11  
 16 <150> PRIOR APPLICATION NUMBER: US 08/927939  
 17 <151> PRIOR FILING DATE: 1997-09-11  
 19 <160> NUMBER OF SEQ ID NOS: 111  
 21 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 23 <210> SEQ ID NO: 1  
 24 <211> LENGTH: 12  
 25 <212> TYPE: PRT  
 26 <213> ORGANISM: Homo sapiens  
 28 <400> SEQUENCE: 1  
 29 Glu Ile Cys Ala Asp Pro Lys Gln Lys Trp Val Gln  
 30 1                               5                               10  
 33 <210> SEQ ID NO: 2  
 34 <211> LENGTH: 13  
 35 <212> TYPE: PRT  
 36 <213> ORGANISM: Homo sapiens  
 38 <400> SEQUENCE: 2  
 39 Ala Gln Pro Asp Ala Ile Asn Ala Pro Val Thr Cys Cys  
 40 1                               5                               10  
 43 <210> SEQ ID NO: 3  
 44 <211> LENGTH: 15  
 45 <212> TYPE: PRT  
 46 <213> ORGANISM: Homo sapiens  
 48 <400> SEQUENCE: 3  
 49 Ser Tyr Arg Arg Ile Thr Ser Ser Lys Cys Pro Lys Glu Ala Val  
 50 1                               5                               10                               15  
 53 <210> SEQ ID NO: 4  
 54 <211> LENGTH: 15  
 55 <212> TYPE: PRT  
 56 <213> ORGANISM: Homo sapiens  
 58 <400> SEQUENCE: 4  
 59 His Leu Lys Ile Leu Asn Thr Pro Asn Cys Ala Leu Gln Ile Val  
 60 1                               5                               10                               15  
 63 <210> SEQ ID NO: 5  
 64 <211> LENGTH: 14  
 65 <212> TYPE: PRT  
 66 <213> ORGANISM: Homo sapiens

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68 <400> SEQUENCE: 5
69 Asp Tyr Phe Glu Thr Ser Ser Gln Cys Ser Lys Pro Gly Val
70 1 5 10
73 <210> SEQ ID NO: 6
74 <211> LENGTH: 16
75 <212> TYPE: PRT
76 <213> ORGANISM: Homo sapiens
78 <400> SEQUENCE: 6
79 Glu Leu Arg Val Ile Glu Ser Gly Pro His Cys Ala Asn Thr Glu Ile
80 1 5 10 15
83 <210> SEQ ID NO: 7
84 <211> LENGTH: 10
85 <212> TYPE: PRT
86 <213> ORGANISM: Homo sapiens
88 <400> SEQUENCE: 7
89 Cys Ala Asp Pro Lys Gln Lys Trp Val Gln
90 1 5 10
93 <210> SEQ ID NO: 8
94 <211> LENGTH: 6
95 <212> TYPE: PRT
96 <213> ORGANISM: Homo sapiens
98 <400> SEQUENCE: 8
99 Glu Ile Cys Ala Asp Pro
100 1 5
103 <210> SEQ ID NO: 9
104 <211> LENGTH: 6
105 <212> TYPE: PRT
106 <213> ORGANISM: Homo sapiens
108 <400> SEQUENCE: 9
109 Lys Gln Lys Trp Val Gln
110 1 5
113 <210> SEQ ID NO: 10
114 <211> LENGTH: 12
115 <212> TYPE: PRT
116 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
119 <223> OTHER INFORMATION: A synthetic chemokine peptide variant
121 <400> SEQUENCE: 10
122 Glu Ile Cys Leu Asp Pro Lys Gln Lys Trp Val Gln
123 1 5 10
126 <210> SEQ ID NO: 11
127 <211> LENGTH: 12
128 <212> TYPE: PRT
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
132 <223> OTHER INFORMATION: A synthetic chemokine peptide variant
134 <400> SEQUENCE: 11
135 Glu Ile Cys Ala Asp Pro Ser Gln Lys Trp Val Gln
136 1 5 10

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139 <210> SEQ ID NO: 12
140 <211> LENGTH: 12
141 <212> TYPE: PRT
142 <213> ORGANISM: Artificial Sequence
144 <220> FEATURE:
145 <223> OTHER INFORMATION: A synthetic chemokine peptide variant
147 <400> SEQUENCE: 12
148 Glu Ile Cys Ala Asp Pro Ser Glu Glu Trp Val Gln
149   1             5             10
152 <210> SEQ ID NO: 13
153 <211> LENGTH: 12
154 <212> TYPE: PRT
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: A synthetic chemokine peptide variant
160 <400> SEQUENCE: 13
161 Glu Ile Cys Ala Asp Pro Lys Gln Lys Trp Ile Gln
162   1             5             10
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166 <211> LENGTH: 12
167 <212> TYPE: PRT
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: A synthetic chemokine peptide variant
173 <400> SEQUENCE: 14
174 Glu Ile Cys Leu Asp Pro Lys Gln Lys Trp Ile Gln
175   1             5             10
178 <210> SEQ ID NO: 15
179 <211> LENGTH: 12
180 <212> TYPE: PRT
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184 Cys Pro Ser Leu Glu Asp Ser Phe Ile Gln Val Ala
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189 <211> LENGTH: 99
190 <212> TYPE: PRT
191 <213> ORGANISM: Homo sapiens
193 <400> SEQUENCE: 16
194 Met Lys Val Ser Ala Ala Leu Leu Cys Leu Leu Leu Ile Ala Ala Thr
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196 Phe Ile Pro Gln Gly Leu Ala Gln Pro Asp Ala Ile Asn Ala Pro Val
197             20             25             30
198 Thr Cys Cys Tyr Asn Phe Thr Asn Arg Lys Ile Ser Val Gln Arg Leu
199             35             40             45
200 Ala Ser Tyr Arg Arg Ile Thr Ser Ser Lys Cys Pro Lys Glu Ala Val
201             50             55             60
202 Ile Phe Lys Thr Ile Val Ala Lys Glu Ile Cys Ala Asp Pro Lys Gln
203 65             70             75             80

```

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204 Lys Trp Val Gln Asp Ser Met Asp His Leu Asp Lys Gln Thr Gln Thr
205                               85                               90                               95
206 Pro Lys Thr
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211 <211> LENGTH: 77
212 <212> TYPE: PRT
213 <213> ORGANISM: Homo sapiens
215 <400> SEQUENCE: 17
216 Ala Gln Pro Asp Ser Val Ser Ile Pro Ile Thr Cys Cys Phe Asn Val
217 1                               5                               10                               15
218 Ile Asn Arg Lys Ile Pro Ile Gln Arg Leu Glu Ser Tyr Thr Arg Ile
219                               20                               25                               30
220 Thr Asn Ile Gln Cys Pro Lys Glu Ala Val Ile Phe Lys Thr Lys Arg
221                               35                               40                               45
222 Gly Lys Glu Val Cys Ala Asp Pro Lys Glu Arg Trp Val Arg Asp Ser
223 50                               55                               60
224 Met Lys His Leu Asp Gln Ile Phe Gln Asn Leu Lys Pro
225 65                               70                               75
228 <210> SEQ ID NO: 18
229 <211> LENGTH: 99
230 <212> TYPE: PRT
231 <213> ORGANISM: Homo sapiens
233 <400> SEQUENCE: 18
234 Met Lys Ala Ser Ala Ala Leu Leu Cys Leu Leu Leu Thr Ala Ala Ala
235 1                               5                               10                               15
236 Phe Ser Pro Gln Gly Leu Ala Gln Pro Val Gly Ile Asn Thr Ser Thr
237                               20                               25                               30
238 Thr Cys Cys Tyr Arg Phe Ile Asn Lys Lys Ile Pro Lys Gln Arg Leu
239                               35                               40                               45
240 Glu Ser Tyr Arg Arg Thr Thr Ser Ser His Cys Pro Arg Glu Ala Val
241 50                               55                               60
242 Ile Phe Lys Thr Lys Leu Asp Lys Glu Ile Cys Ala Asp Pro Thr Gln
243 65                               70                               75                               80
244 Lys Trp Val Gln Asp Phe Met Lys His Leu Asp Lys Lys Thr Gln Thr
245                               85                               90                               95
246 Pro Lys Leu
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251 <211> LENGTH: 92
252 <212> TYPE: PRT
253 <213> ORGANISM: Homo sapiens
255 <400> SEQUENCE: 19
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257 1                               5                               10                               15
258 Leu Cys Asn Gln Phe Ser Ala Ser Leu Ala Ala Asp Thr Pro Thr Ala
259                               20                               25                               30
260 Cys Cys Phe Ser Tyr Thr Ser Arg Gln Ile Pro Gln Asn Phe Ile Ala
261                               35                               40                               45
262 Asp Tyr Phe Glu Thr Ser Ser Gln Cys Ser Lys Pro Gly Val Ile Phe
263 50                               55                               60

```

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264 Leu Thr Lys Arg Ser Arg Gln Val Cys Ala Asp Pro Ser Glu Glu Trp
265 65 70 75 80
266 Val Gln Lys Tyr Val Ser Asp Leu Glu Leu Ser Ala
267 85 90
270 <210> SEQ ID NO: 20
271 <211> LENGTH: 92
272 <212> TYPE: PRT
273 <213> ORGANISM: Homo sapiens
275 <400> SEQUENCE: 20
276 Met Lys Leu Cys Val Thr Val Leu Ser Leu Leu Met Leu Val Ala Ala
277 1 5 10 15
278 Phe Cys Ser Pro Ala Leu Ser Ala Pro Met Gly Ser Asp Pro Pro Thr
279 20 25 30
280 Ala Cys Cys Phe Ser Tyr Thr Ala Arg Lys Leu Pro Arg Asn Phe Val
281 35 40 45
282 Val Asp Tyr Tyr Glu Thr Ser Ser Leu Cys Ser Gln Pro Ala Val Val
283 50 55 60
284 Phe Gln Thr Lys Arg Ser Lys Gln Val Cys Ala Asp Pro Ser Glu Ser
285 65 70 75 80
286 Trp Val Gln Glu Tyr Val Tyr Asp Leu Glu Leu Asn
287 85 90
290 <210> SEQ ID NO: 21
291 <211> LENGTH: 91
292 <212> TYPE: PRT
293 <213> ORGANISM: Homo sapiens
295 <400> SEQUENCE: 21
296 Met Lys Val Ser Ala Ala Arg Leu Ala Val Ile Leu Ile Ala Thr Ala
297 1 5 10 15
298 Leu Cys Ala Pro Ala Ser Ala Ser Pro Tyr Ser Ser Asp Thr Thr Pro
299 20 25 30
300 Cys Cys Phe Ala Tyr Ile Ala Arg Pro Leu Pro Arg Ala His Ile Lys
301 35 40 45
302 Glu Tyr Phe Tyr Thr Ser Gly Lys Cys Ser Asn Pro Ala Val Val Phe
303 50 55 60
304 Val Thr Arg Lys Asn Arg Gln Val Cys Ala Asn Pro Glu Lys Lys Trp
305 65 70 75 80
306 Val Arg Glu Tyr Ile Asn Ser Leu Glu Met Ser
307 85 90
312 <210> SEQ ID NO: 22
313 <211> LENGTH: 89
314 <212> TYPE: PRT
315 <213> ORGANISM: Homo sapiens
317 <400> SEQUENCE: 22
318 Met Asn Ala Lys Val Val Val Val Leu Val Leu Val Leu Thr Ala Leu
319 1 5 10 15
320 Cys Leu Ser Asp Gly Lys Pro Val Ser Leu Ser Tyr Arg Cys Pro Cys
321 20 25 30
322 Arg Phe Phe Glu Ser His Val Ala Arg Ala Asn Val Lys His Leu Lys
323 35 40 45

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**VERIFICATION SUMMARY**

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Input Set : A:\1543002US1.txt

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L:687 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 30

L:1102 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 36